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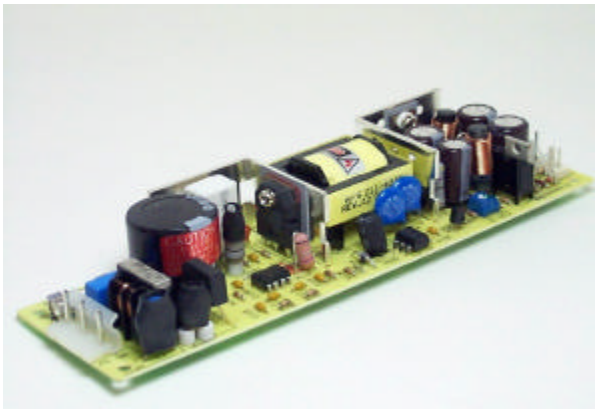
AUTEC POWER SYSTEMS

Open Frame 2" X 7" Universal Input AC/DC Converter



Dual Output 5V/12V 40W(1)

Model UPS40-1002

CE LVD UL CSA TÜV Rheinland

OUTPUT	Voltage		Current			Ripple & Noise	Regulation (4)	
	Rated	Tolerance	Min (2)	Rated	Peak (3)		Load	Line
Main	+5 V DC	+/-3.00%	0.2 A	3.0 A		50mV	3.00%	0.50%
	+12V DC	+/- 5.00%	0.1 A	2.0A	4.5A	120mV	5.00%	1.00%
Auxiliary (Fan)	+12V DC	n/a	n/a	.1A	n/a	n/a	n/a	n/a

INPUT		Min	Nom	Max
Voltage AC	Universal AC	90VAC		260VAC
Frequency		47Hz		63Hz
Inrush Current	At Min 115 VAC Max 230 VAC	20A		40A
Switching Frequency			40K Hz.	
Fusing	2A, Slow-blow 115/230 VAC Non-User Serviceable			

GENERAL SPECIFIFCATIONS		
Efficiency	65% Min. Full Load 120 VAC	
Overvoltage Protection	+5V exceeds 5.8V Causes shutdown, automatic recovery	
Overload Protection	All outputs protected against short circuit conditions, automatic recovery.	
Environmental		
Temperature coefficient	0.02%/°C, All outputs	
Temperature Range	**Operational**	0 to 50°C at rated output power. Derates linearly to 50% power at 70°C.
	Storage	-55°C to 85°C
Safety, Regulatory & EMI		
Agency Approvals	UL1950	
	CSA C22.2 F.B.1402C	
	TUV EN60950	
Hi-pot	3600 VAC input to output for 1sec.	
EMI	Meets F.C.C part 15 class 'B' conducted.	

Autec Power Systems
685 E Cochran St, Simi Valley, CA93065
www.autec.com
Tel: (805)522-0888
Fax: (805)522-8777

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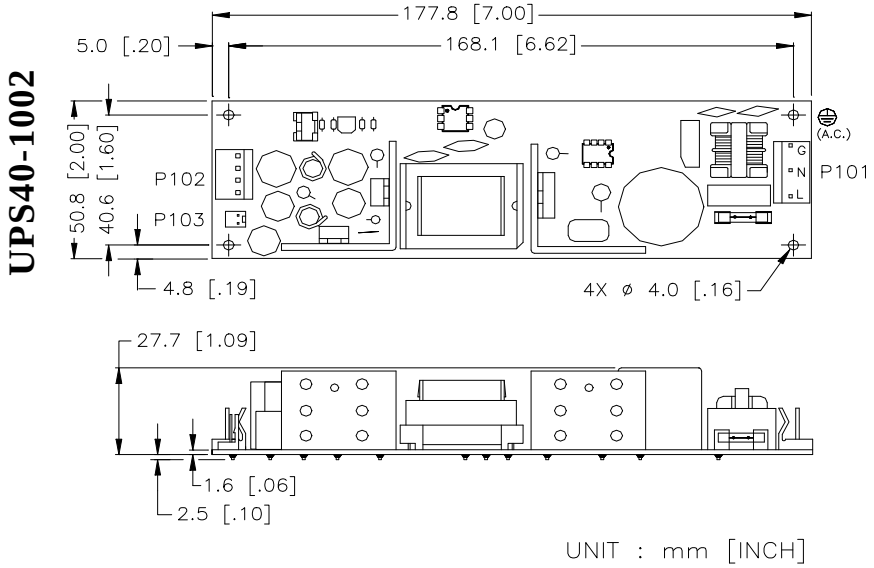
PIN ASSIGNMENTS UPS40-1002			
CONNECTOR	P101	P102	P103
	AC INPUT	DC OUTPUT	FAN
PIN 1	COM	+12V	COM
PIN 2	N/C	COM	+12V
PIN 3	NEUTRAL	COM	
PIN 4	N/C	+5V	
PIN 5	LINE		
MOLEX (or equiv)	09-65-2058	09-65-2048	22-04-1021
Mating Connector	09-50-1051	09-50-1041	22-01-3027

UPS40-1002			WIDTH	LENGTH	HEIGHT
OUTLINE		inch	2.00	7.00	1.09
		mm	50.8	177.8	27.7
MOUNTING		inch	1.60	6.62	N/A
		mm	40.6	168.1	N/A

SHIPPING SPECIFICATIONS			
MODEL	UNITS PER CARTON	CARTON WEIGHT	
UPS40-1002	72.0	19.5 Kgs	43.0 Lbs



NOTES:

1. The power supply may be capable of more than the specified continuous and/or peak ratings, depending on the application. Consult factory Sales Engineer for feasibility.

2. Minimum load specified assures output voltage stability for all specified line voltage conditions. Full compliance to the total regulation specification may require additional loading (not to exceed 25% of rated output current). Operation at no load will not damage the power supply.

3. Each output can provide its full rated output current, provided total wattage does not exceed nominal (continuous) rating.

4. Total regulation includes the combined effects of: a) initial set point of main output of ± 1% max; b) line regulation for any input voltage change between 90 & 264 VAC; c) load regulation for a MIN. –100% of rated continuous load change: assumes that the total continuous power rating of the supply is not exceeded. [See Note3]. Performance during peak loading conditions is not included in the figure.

5. Specifications are subject to change without notice. AUTEC cannot be held liable for errors or omissions or the consequences thereof.

6.Units that meet CISPR also comply with FCC level B.

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